

Title (en)
Total knee prosthesis

Title (de)
Ganzknieprothese

Title (fr)
Prothèse totale de genou

Publication
EP 1719478 A2 20061108 (FR)

Application
EP 06076556 A 20030418

Priority
• EP 03290973 A 20030418
• FR 0204946 A 20020419

Abstract (en)
The femoral part comprises two condylar parts, which is joined together by a throat intercondylar, where the intercondylar part cuts a sagittal plane. The tibial part comprises a plate and a keel, where the keel is perpendicular to the plate and equipped with an open central bore on the plate. The insert (3) is limited: by a plane surface (14) equipped with a swiveling rivet (15) on the tibial part; and by a complex surface separated by a convex anteroposterior (13) in horse saddle. A section is limited by a curvilinear convex profile and a concave polygonal profile.

Abstract (fr)
Prothèse de genou comportant une pièce fémorale (1), une pièce tibiale (2) et un insert (3) interposé entre la pièce fémorale et la pièce tibiale, dans laquelle, le plot (15) de pivotement de l'insert (3) et l'alésage de la pièce tibiale pour le recevoir comporte une partie conique (15 a) prolongée d'une extrémité cylindrique (15 b).

IPC 8 full level
A61F 2/38 (2006.01)

CPC (source: EP)
A61F 2/3868 (2013.01)

Cited by
US10188530B2; US10470889B2; US11224519B2; US10195041B2; US11324599B2; US9750612B2; US10806590B2; US10130375B2; US10675153B2; US10939923B2; US11324598B2; US11547571B2; US10433966B2; US10835380B2; US11911279B2; US9867708B2; US10070966B2; US10136997B2; US10322004B2; US10543099B2; US10631991B2; US11491018B2; US9629723B2; US10045850B2; US10265181B2; US10278827B2; US10441429B2; US11160659B2; US11246710B2; US11426282B2; US8551179B2; US9993345B2; US8690954B2; US8764838B2; US8858643B2; US9072607B2; US9186255B2; US9204970B2; US9295558B2; US9655729B2; US9655728B2; US9788954B2; US9925050B2; US10413415B2; US10898337B2; US11471288B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1354571 A1 20031022; EP 1354571 B1 20070606; AT E363875 T1 20070615; DE 60314198 D1 20070719; EP 1719478 A2 20061108; EP 1719478 A3 20090401; ES 2287425 T3 20071216; FR 2838634 A1 20031024; FR 2838634 B1 20040618

DOCDB simple family (application)
EP 03290973 A 20030418; AT 03290973 T 20030418; DE 60314198 T 20030418; EP 06076556 A 20030418; ES 03290973 T 20030418; FR 0204946 A 20020419